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10/774,351	02/06/2004	Douglas F. Reynolds	1033-LB1011	5256

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TOLER LAW GROUP
8500 BLUFFSTONE COVE
SUITE A201
AUSTIN, TX 78759

EXAMINER

GAUTHIER, GERALD

ART UNIT	PAPER NUMBER
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2614

MAIL DATE	DELIVERY MODE
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01/07/2008

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/774,351

Applicant(s)

REYNOLDS ET AL.

Examiner

Gerald Gauthier

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 07 November 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-53 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-53 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>11/12/07</u> . | 6) <input type="checkbox"/> Other: _____ |

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DETAILED ACTION

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. The factual inquiries set forth in *Graham v. John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966), that are applied for establishing a background for determining obviousness under 35 U.S.C. 103(a) are summarized as follows:

1. Determining the scope and contents of the prior art.
2. Ascertaining the differences between the prior art and the claims at issue.
3. Resolving the level of ordinary skill in the pertinent art.
4. Considering objective evidence present in the application indicating obviousness or nonobviousness.

3. This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

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4. **Claims 1-53** are rejected under 35 U.S.C. 103(a) as being unpatentable over Koser et al. (US 2004/0032946 A1) in view of Kotzin et al. (US 2004/0120505 A1) and further in view of Hanson et al. (US 6,535,585 B1).

Regarding **claims 1**, Koser discloses a call indication method (paragraph 0002) comprising:

recognizing a request to complete a voice over Internet protocol call to a called party (paragraph 0117); and

initiating delivery of the custom ring information to the called party (paragraph 0118).

Koser fails to disclose receiving custom ring information from a calling party.

However, Kotzin teaches receiving custom ring information from a calling party of the VoIP call, the custom ring information representing a desired ring tone to be played to the called party (paragraph 0027).

Therefore, it would have been obvious to one of the ordinary skill in the art at the time the invention was made to modify the invention of Koser using the teaching of caller selecting the alert as taught by Kotzin.

This modification of the invention enables the system to receive custom ring information from a calling party so that the user would identify the calling party.

Koser fails to disclose informing the calling party that the custom ring information is being delivered to the called party.

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However, Hanson teaches informing the calling party that the information is being delivered to the called party (column 15, line 57 to column 16, line 19).

Therefore, it would have been obvious to one of the ordinary skill in the art at the time the invention was made to modify the invention of Koser using the teaching of caller being informed of message delivery as taught by Hanson.

This modification of the invention enables the system to inform the calling party that the information is being delivered to the called party so that the user would know the information is delivered.

Regarding **claim 2**, Koser discloses a call indication method, further comprising utilizing a Public Switched Telephone Network node to perform at least one of the recognizing step, the receiving step, and the initiating step (paragraph 0103).

Regarding **claim 3**, Koser discloses a call indication method, further comprising recognizing that a piece of customer premises equipment associated with the called party comprises specialized ring tone functionality operable to output the desired ring tone (paragraph 0107).

Regarding **claim 4**, Koser discloses a call indication method, further comprising delivering at least a portion of the custom ring information in VoIP packets (paragraph 0117).

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Regarding **claim 5**, Koser discloses a call indication method, further comprising delivering the custom ring information across a wireline connection comprising a link of coaxial cable operable to carry data traffic (paragraph 0117).

Regarding **claim 6**, Koser discloses a call indication method, wherein a VOIP switch initiates delivery of the custom ring information to the called party (paragraph 0117).

Regarding **claims 7 and 38**, Koser discloses a call indication method, further comprising: prompting the calling party to communicate the custom ring information (paragraph 0117); and

recording the custom ring information (paragraph 0117).

Regarding **claim 8**, Koser discloses a call indication method, further comprising utilizing a piece of calling party CPE to perform at least one of the recognizing step, the receiving step, and the initiating step (paragraph 0118).

Regarding **claims 9, 28 and 45**, Koser discloses a call indication method, wherein at least a portion of the custom ring information has a file format selected from the group consisting of a .WAV file, a .MIDI file, and an AU file (paragraph 0118).

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Regarding **claims 10, 39, 52 and 53**, Koser discloses a call indication method, wherein at least a portion of the custom ring information represents a spoken message (paragraph 0120).

Regarding **claims 11 and 40**, Koser discloses a call indication method, wherein recognizing the request to complete the VOIP call occurs after receiving the custom ring information (paragraph 0118).

Regarding **claims 12 and 41**, Koser discloses a call indication method, further comprising storing the custom ring information in a memory residing in a piece of calling party customer premises equipment (paragraph 0107).

Regarding **claims 13, 37 and 42**, Koser discloses a call indication method, further comprising storing the custom ring information in a memory located within a service provider network (paragraph 0107).

Regarding **claims 14**, Koser discloses a call indication method, further comprising: recognizing caller identification information of the calling party (paragraph 0117); and

finding a location in the memory that is storing the custom ring information (paragraph 0117).

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Regarding **claims 15, 34 and 49**, Koser discloses a call indication method, further comprising: recognizing another request to complete a second VOIP call to a second called party (paragraph 0117); and

determining that a second called party does not want to receive the custom ring information (paragraph 0117).

Regarding **claims 16, 35, 46 and 50**, Koser discloses a call indication method, further comprising blocking delivery of the custom ring information to the second called party (paragraph 0117).

Regarding **claims 17 and 36**, Koser discloses a call indication method, further comprising: receiving Caller Identification information associated with the second VOIP call (paragraph 0117); and

using the Caller Identification information to determine that the second called party does not want to receive the custom ring information (paragraph 0117).

Regarding **claim 18**, Koser discloses a ring tone delivery system (paragraph 0002), comprising:

an interface operable to receive a calling signal that indicates a request to complete a call from a calling party to a called party (paragraph 0117); and

a network node communicatively coupled to the interface and operable to deliver packetized information to the called party (paragraph 0118).

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Koser fails to disclose receiving custom ring information from a calling party.

However, Kotzin teaches receiving custom ring information from a calling party of the VoIP call, the custom ring information representing a desired ring tone to be played to the called party (paragraph 0027).

Therefore, it would have been obvious to one of the ordinary skill in the art at the time the invention was made to modify the invention of Koser using the teaching of caller selecting the alert as taught by Kotzin.

This modification of the invention enables the system to receive custom ring information from a calling party so that the user would identify the calling party.

Koser fails to disclose informing the calling party that the custom ring information is being delivered to the called party.

However, Hanson teaches informing the calling party that the information is being delivered to the called party (column 15, line 57 to column 16, line 19).

Therefore, it would have been obvious to one of the ordinary skill in the art at the time the invention was made to modify the invention of Koser using the teaching of caller being informed of message delivery as taught by Hanson.

This modification of the invention enables the system to inform the calling party that the information is being delivered to the called party so that the user would know the information is delivered.

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Regarding **claim 19**, Koser discloses a ring tone delivery system, wherein the network node comprises a VOIP switch operable to communicatively couple to a plurality of subscribers across links comprising twisted pair wiring (paragraph 0103).

Regarding **claim 20**, Koser discloses a ring tone delivery system, further comprising a memory maintaining information indicating that the called party has a piece of telephonic equipment capable of outputting the calling party selected ring tone, wherein the piece of telephonic equipment is selected from a group consisting of a computer, a telephone communicatively coupled to a twisted pair network, a cordless telephone, a VOIP telephone, a cellular telephone, a fixed wireless telephone, and an 802.11 telephone (paragraph 0117).

Regarding **claim 21**, Koser discloses a ring tone delivery system, wherein the network node is further operable to deliver packetized information across a cable network (paragraph 0117).

Regarding **claim 22**, Koser discloses a ring tone delivery system, wherein the network node is further operable to deliver packetized information across an XDSL network (paragraph 0117).

Regarding **claim 23**, Koser discloses a ring tone delivery system, further comprising a custom ring tone block list indicating that a second called party does not want to receive the calling party selected ring tone (paragraph 0124).

Regarding **claim 24**, Koser discloses a ring tone delivery system, further comprising a broadband modem providing at least a portion of a link communicatively coupling the network node to a piece of telephonic equipment associated with the called party (paragraph 0117).

Regarding **claim 25**, Koser discloses a ring tone delivery system, further comprising a memory maintaining information indicating an additional communication address for the called party, the additional communication address selected from the group consisting of an electronic mail address, a Plain Old Telephony Service telephone number, an Instant Messaging address, a Short Messaging Service address, an Enhanced Messaging Service address, a Multimedia Messaging Service address, and a wireless telephone number (paragraph 0118).

Regarding **claims 26 and 43**, Koser discloses a system for facilitating a select ring tone in connection with a call (paragraph 0002), comprising:

an electronic device operable to support telephonic communication, the electronic device comprising a housing component (paragraph 0117);

a memory located within an enclosure at least partially formed by the housing component, the memory storing ring tone information representing the select ring tone (paragraph 0117);

a user interface for the electronic device operable to receive a user input indicating a desire to place a call to a called party (paragraph 0117); and

an output engine operable to initiate communication of the ring tone information to the called party such that a telephonic device of the called party outputs the select ring tone to indicate the call (paragraph 0118).

Koser fails to disclose receiving custom ring information from a calling party.

However, Kotzin teaches receiving custom ring information from a calling party of the VoIP call, the custom ring information representing a desired ring tone to be played to the called party (paragraph 0027).

Therefore, it would have been obvious to one of the ordinary skill in the art at the time the invention was made to modify the invention of Koser using the teaching of caller selecting the alert as taught by Kotzin.

This modification of the invention enables the system to receive custom ring information from a calling party so that the user would identify the calling party.

Koser fails to disclose informing the calling party that the custom ring information is being delivered to the called party.

However, Hanson teaches informing the calling party that the information is being delivered to the called party (column 15, line 57 to column 16, line 19).

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Therefore, it would have been obvious to one of the ordinary skill in the art at the time the invention was made to modify the invention of Koser using the teaching of caller being informed of message delivery as taught by Hanson.

This modification of the invention enables the system to inform the calling party that the information is being delivered to the called party so that the user would know the information is delivered.

Regarding **claims 27 and 44**, Koser discloses a system, wherein the electronic device comprises a computer (paragraph 0117).

Regarding **claim 29**, Koser discloses a system, wherein the memory stores additional ring tone information representing a second select ring tone, further wherein the select ring tone is associated with the called party and the second select ring tone is associated with a different party (paragraph 0117).

Regarding **claims 30 and 47**, Koser discloses a system, further comprising an electronic address book comprising a listing for the called party and a second listing for the second party (paragraph 0117).

Regarding **claim 31**, Koser discloses a computer-readable medium having computer-readable data to maintain information representing a calling party selected ring tone (paragraph 0002), to recognize an event trigger signaling a request to place a

VoIP call from the calling party to a called party (paragraph 0117), to initiate completion of the VoIP call, and to direct delivery of the information to a telephonic device of the called party in a format that allows the telephonic device to output the calling party, as an indication of an incoming call (paragraph 0118).

Koser fails to disclose receiving custom ring information from a calling party.

However, Kotzin teaches receiving custom ring information from a calling party of the VoIP call, the custom ring information representing a desired ring tone to be played to the called party (paragraph 0027).

Therefore, it would have been obvious to one of the ordinary skill in the art at the time the invention was made to modify the invention of Koser using the teaching of caller selecting the alert as taught by Kotzin.

This modification of the invention enables the system to receive custom ring information from a calling party so that the user would identify the calling party.

Koser fails to disclose informing the calling party that the custom ring information is being delivered to the called party.

However, Hanson teaches informing the calling party that the information is being delivered to the called party (column 15, line 57 to column 16, line 19).

Therefore, it would have been obvious to one of the ordinary skill in the art at the time the invention was made to modify the invention of Koser using the teaching of caller being informed of message delivery as taught by Hanson.

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This modification of the invention enables the system to inform the calling party that the information is being delivered to the called party so that the user would know the information is delivered.

Regarding **claims 32 and 51**, Koser discloses a computer-readable medium having additional computer-readable data to determine if the called party desires delivery of the information (paragraph 0117).

Regarding **claim 33**, Koser discloses a call indication method (paragraph 0002) comprising:

recognizing a request to complete a call to a called party over a packet switch network (paragraph 0117);

the first custom ring information representing a desired ring tone to be played to the called party (paragraph 0117); and

determining not to play the first custom ring information to the called party (paragraph 0124).

Koser fails to disclose receiving custom ring information from a calling party.

However, Kotzin teaches receiving custom ring information from a calling party of the VoIP call, the custom ring information representing a desired ring tone to be played to the called party (paragraph 0027).

Therefore, it would have been obvious to one of the ordinary skill in the art at the time the invention was made to modify the invention of Koser using the teaching of caller selecting the alert as taught by Kotzin.

This modification of the invention enables the system to receive custom ring information from a calling party so that the user would identify the calling party.

Koser fails to disclose informing the calling party that the custom ring information is being delivered to the called party.

However, Hanson teaches informing the calling party that the information is being delivered to the called party (column 15, line 57 to column 16, line 19).

Therefore, it would have been obvious to one of the ordinary skill in the art at the time the invention was made to modify the invention of Koser using the teaching of caller being informed of message delivery as taught by Hanson.

This modification of the invention enables the system to inform the calling party that the information is being delivered to the called party so that the user would know the information is delivered.

Regarding **claim 48**, Koser discloses a computer-readable medium having computer-readable data (paragraph 0002) to:

recognize an event trigger signaling a request to place a VoIP call from the calling party to a called party (paragraph 0117);

initiate completion of the VoIP call (paragraph 0117);

direct delivery of the information to a telephonic device of the called party in a format that allows the telephonic device to output the calling party selected ring tone as an indication of an incoming call (paragraph 0118); and

determine not to play the calling party selected ring tone (paragraph 0124).

Koser fails to disclose receiving custom ring information from a calling party.

However, Kotzin teaches receiving custom ring information from a calling party of the VoIP call, the custom ring information representing a desired ring tone to be played to the called party (paragraph 0027).

Therefore, it would have been obvious to one of the ordinary skill in the art at the time the invention was made to modify the invention of Koser using the teaching of caller selecting the alert as taught by Kotzin.

This modification of the invention enables the system to receive custom ring information from a calling party so that the user would identify the calling party.

Koser fails to disclose informing the calling party that the custom ring information is being delivered to the called party.

However, Hanson teaches informing the calling party that the information is being delivered to the called party (column 15, line 57 to column 16, line 19).

Therefore, it would have been obvious to one of the ordinary skill in the art at the time the invention was made to modify the invention of Koser using the teaching of caller being informed of message delivery as taught by Hanson.

This modification of the invention enables the system to inform the calling party that the information is being delivered to the called party so that the user would know the information is delivered.

Response to Arguments

5. Applicant's arguments with respect to **claims 1-53** have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

6. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Gerald Gauthier whose telephone number is (571) 272-7539. The examiner can normally be reached on 8:00 AM to 4:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Fan Tsang can be reached on (571) 272-7547. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Gerald Gauthier/
Primary Examiner
Art Unit 2614

/GG/
December 31, 2007